

## ANALYSIS TYPE: VOLATILE

TITLE: CEDAR FALLS FMGP                    MATRIX: SEDIMENT                    UNITS: UG/KG  
 LAB: AATS                                    METHOD: CSO288A                    CASE: 6568G  
 SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: JEG REVIEWER: *JG* *Re*                    DATE: 08/25/91  
 REVIEW LEVEL: 2                            DATA FILE 016                            BASIS: WET/DRY WT

SAMPLES	DSX72001	DSX72002	DSX72003	DSX72004
CHLOROMETHANE	10 U	11 U	11 U	11 U
BROMOMETHANE	10 U	11 U	11 U	11 U
VINYL CHLORIDE	10 U	11 U	11 U	11 U
CHLOROETHANE	10 U	11 U	11 U	11 U
METHYLENE CHLORIDE	14	5.3 U	15	15
ACETONE	49 J	12 U	11 U	11 U
CARBON DISULFIDE	5.2 U	5.3 U	5.3 U	5.7 U
1,1-DICHLOROETHENE	5.2 U	5.3 U	5.3 U	5.7 U
1,1 DICHLOROETHANE	5.2 U	5.3 U	5.3 U	5.7 U
1,2,-DICHLOROETHENE (TOTAL)	5.2 U	5.3 U	5.3 U	5.7 U
CHLOROFORM	5.2 U	5.3 U	5.3 U	5.7 U
1,2,DICHLOROETHANE	5.2 U	5.3 U	5.3 U	5.7 U
2-BUTANONE	10 U	11 U	11 U	11 U
1,1,1-TRICHLOROETHANE	5.2 U	5.3 U	5.3 U	5.7 U
CARBON TETRACHLORIDE	5.2 U	5.3 U	5.3 U	5.7 U
VINYL ACETATE	10 U	11 U	11 U	11 U
BROMODICHLOROMETHANE	5.2 U	5.3 U	5.3 U	5.7 U
1,2-DICHLOROPROPANE	5.2 U	5.3 U	5.3 U	5.7 U
CIS-1,3-DICHLOROPROPENE	5.2 U	5.3 U	5.3 U	5.7 U
TRICHLOROETHENE	5.2 U	5.3 U	5.3 U	5.7 U
BENZENE	5.2 U	5.3 U	5.3 U	5.7 U
DIBROMOCHLOROMETHANE	5.2 U	5.3 U	5.3 U	5.7 U
1,1,2-TRICHLOROETHANE	5.2 U	5.3 U	5.3 U	5.7 U
TRANS-1,3-DICHLOROPROPENE	5.2 U	5.3 U	5.3 U	5.7 U
BROMOFORM	5.2 U	5.3 U	5.3 U	5.7 U
4-METHYL-2-PENTANONE	10 U	11 U	11 U	11 U
2-HEXANONE	10 U	11 U	11 U	11 U
1,1,2,2-TETRACHLOROETHANE	5.2 U	5.3 U	5.3 U	5.7 U
TETRACHLOROETHENE	12	5.3 U	5.3 U	5.7 U
TOLUENE	5.2 U	5.3 U	5.3 U	5.7 U
CHLOROBENZENE	5.2 U	5.3 U	5.3 U	5.7 U
ETHYL BENZENE	5.2 U	5.3 U	5.3 U	5.7 U
STYRENE	5.2 U	5.3 U	5.3 U	5.7 U
TOTAL XYLENES	5.2 U	5.3 U	5.3 U	5.7 U
DON'T CHANGE VALUE Trans 1,	N/A	O	N/A	N/A
			O	O



## ANALYSIS TYPE: VOLATILE

TITLE: CEDAR FALLS FMGP                    MATRIX: SEDIMENT                    UNITS: UG/KG  
 LAB: AATS                                    METHOD: CSO288A                    CASE: 6568G  
 SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: JEG REVIEWER: *PC* *RC*                    DATE: 08/27/91  
 REVIEW LEVEL: 2                            DATA FILE: 016                            BASIS: WET/DRY WT

SAMPLES	DSX72005	DSX72006	DSX72007	DSX72008
CHLOROMETHANE	11 U	12 U	11 U	12 U
BROMOMETHANE	11 U	12 U	11 U	12 U
VINYL CHLORIDE	11 U	12 U	11 U	12 U
CHLOROETHANE	11 U	12 U	11 U	12 U
METHYLENE CHLORIDE	5.6 U	14	5.6 U	6.1
ACETONE	11 U	12 U	11 U	12 U
CARBON DISULFIDE	5.6 U	6.0 U	5.6 U	6.0 U
1,1-DICHLOROETHENE	5.6 U	6.0 U	5.6 U	6.0 U
1,1 DICHLOROETHANE	5.6 U	6.0 U	5.6 U	6.0 U
1,2,-DICHLOROETHENE (TOTAL)	5.6 U	6.0 U	5.6 U	6.0 U
CHLOROFORM	5.6 U	6.0 U	5.6 U	6.0 U
1,2,DICHLOROETHANE	5.6 U	6.0 U	5.6 U	6.0 U
2-BUTANONE	11 U	12 U	11 U	12 U
1,1,1-TRICHLOROETHANE	12	6.0 U	5.6 U	6.0 U
CARBON TETRACHLORIDE	5.6 U	6.0 U	5.6 U	6.0 U
VINYL ACETATE	11 U	12 U	11 U	12 U
BROMODICHLOROMETHANE	5.6 U	6.0 U	5.6 U	6.0 U
1,2-DICHLOROPROPANE	5.6 U	6.0 U	5.6 U	6.0 U
CIS-1,3-DICHLOROPROPENE	5.6 U	6.0 U	5.6 U	6.0 U
TRICHLOROETHENE	5.6 U	6.0 U	5.6 U	6.0 U
BENZENE	5.6 U	6.0 U	5.6 U	6.0 U
DIBROMOCHLOROMETHANE	5.6 U	6.0 U	5.6 U	6.0 U
1,1,2-TRICHLOROETHANE	5.6 U	6.0 U	5.6 U	6.0 U
TRANS-1,3-DICHLOROPROPENE	5.6 U	6.0 U	5.6 U	6.0 U
BROMOFORM	5.6 U	6.0 U	5.6 U	6.0 U
4-METHYL-2-PENTANONE	11 U	12 U	11 U	12 U
2-HEXANONE	11 U	12 U	11 U	12 U
1,1,2,2-TETRACHLOROETHANE	5.6 U	6.0 U	5.6 U	6.0 U
TETRACHLOROETHENE	15	13	22	20
TOLUENE	5.6 U	6.0 U	5.6 U	6.0 U
CHLOROBENZENE	5.6 U	6.0 U	5.6 U	6.0 U
ETHYL BENZENE	5.6 U	6.0 U	5.6 U	6.0 U
STYRENE	5.6 U	6.0 U	5.6 U	6.0 U
TOTAL XYLEMES	5.6 U	6.0 U	5.6 U	6.0 U
DON'T CHANGE VALUE Trans 1,	N/A	O	N/A	O
			N/A	O
			N/A	O

## ANALYSIS TYPE: VOLATILE

TITLE: CEDAR FALLS FMGP                    MATRIX: SEDIMENT                    UNITS: UG/KG  
 LAB: AATS                                    METHOD: CSO288A                    CASE: 6568G  
 SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: JEG REVIEWER: *Rc*                    DATE: 08/28/91  
 REVIEW LEVEL: 2                            DATA FILE: 016                    BASIS: WET/DRY WT

SAMPLES	DSX72008D	DSX72101
CHLOROMETHANE	12 U	11 U
BROMOMETHANE	12 U	11 U
VINYL CHLORIDE	12 U	11 U
CHLOROETHANE	12 U	11 U
METHYLENE CHLORIDE	7.0 J	5.3 U
ACETONE	12 U	11 U
CARBON DISULFIDE	6.0 U	5.3 U
1,1-DICHLOROETHENE	6.0 U	5.3 U
1,1 DICHLOROETHANE	6.0 U	5.3 U
1,2,-DICHLOROETHENE (TOTAL)	6.0 U	5.3 U
CHLOROFORM	6.0 U	5.3 U
1,2,DICHLOROETHANE	6.0 U	5.3 U
2-BUTANONE	12 U	11 U
1,1,1-TRICHLOROETHANE	6.0 U	5.3 U
CARBON TETRACHLORIDE	6.0 U	5.3 U
VINYL ACETATE	12 U	11 U
BROMODICHLOROMETHANE	6.0 U	5.3 U
1,2-DICHLOROPROPANE	6.0 U	5.3 U
CIS-1,3-DICHLOROPROPENE	6.0 U	5.3 U
TRICHLOROETHENE	6.0 U	5.3 U
BENZENE	6.0 U	5.3 U
DIBROMOCHLOROMETHANE	6.0 U	5.3 U
1,1,2-TRICHLOROETHANE	6.0 U	5.3 U
TRANS-1,3-DICHLOROPROPENE	6.0 U	5.3 U
BROMOFORM	6.0 U	5.3 U
4-METHYL-2-PENTANONE	12 U	11 U
2-HEXANONE	12 U	11 U
1,1,2,2-TETRACHLOROETHANE	6.0 U	5.3 U
TETRACHLOROETHENE	21 J	13
TOLUENE	6.0 U	5.3 U
CHLOROBENZENE	6.0 U	5.3 U
ETHYL BENZENE	6.0 U	5.3 U
STYRENE	6.0 U	5.3 U
TOTAL XYLENES	6.0 U	5.3 U
DON'T CHANGE VALUE Trans 1,	N/A	O
	N/A	O

## ANALYSIS TYPE: VOLATILE

TITLE: CEDAR FALLS FMGP

LAB: AATS

SAMPLE PREP: \_\_\_\_\_

ANALYST/ENTRY: JEG REVIEWER: *JG* *26*

REVIEW LEVEL: 2

MATRIX: SEDIMENT

METHOD: CSO288A

UNITS: UG/KG

CASE: 6568G

DATE: 08/25/91

BASIS: WET/DRY WT

SAMPLES	DSX72003B	DSX72003R	DSX72003S	DSX72003W
CHLOROMETHANE	N/A	O	N/A	O
BROMOMETHANE	N/A	O	N/A	O
VINYL CHLORIDE	N/A	O	N/A	O
CHLOROETHANE	N/A	O	N/A	O
METHYLENE CHLORIDE	N/A	O	N/A	O
ACETONE	N/A	O	N/A	O
CARBON DISULFIDE	N/A	O	N/A	O
1,1-DICHLOROETHENE	53	53	47	50
1,1-DICHLOROETHANE	N/A	O	N/A	O
1,2,-DICHLOROETHENE (TOTAL)	N/A	O	N/A	O
CHLOROFORM	N/A	O	N/A	O
1,2,DICHLOROETHANE	N/A	O	N/A	O
2-BUTANONE	N/A	O	N/A	O
1,1,1-TRICHLOROETHANE	N/A	O	N/A	O
CARBON TETRACHLORIDE	N/A	O	N/A	O
VINYL ACETATE	N/A	O	N/A	O
BROMODICHLOROMETHANE	N/A	O	N/A	O
1,2-DICHLOROPROPANE	N/A	O	N/A	O
CIS-1,3-DICHLOROPROPENE	N/A	O	N/A	O
TRICHLOROETHENE	53	53	51	50
BENZENE	53	53	54	57
DIBROMOCHLOROMETHANE	N/A	O	N/A	O
1,1,2-TRICHLOROETHANE	N/A	O	N/A	O
TRANS-1,3-DICHLOROPROPENE	N/A	O	N/A	O
BROMOFORM	N/A	O	N/A	O
4-METHYL-2-PENTANONE	N/A	O	N/A	O
2-HEXANONE	N/A	O	N/A	O
1,1,2,2-TETRACHLOROETHANE	N/A	O	N/A	O
TETRACHLOROETHENE	N/A	O	N/A	O
TOLUENE	53	53	57	58
CHLOROBENZENE	53	53	53	56
ETHYL BENZENE	N/A	O	N/A	O
STYRENE	N/A	O	N/A	O
TOTAL XYLENES	N/A	O	N/A	O
DON'T CHANGE VALUE Trans 1,	N/A	O	N/A	O

## ANALYSIS TYPE: VOLATILE

TITLE: CEDAR FALLS FMGP                    MATRIX: SEDIMENT                    UNITS: UG/KG  
 LAB: AATS                                    METHOD: CSO288A                    CASE: 6568G  
 SAMPLE PREP: \_\_\_\_\_ ANALYST/ENTRY: JEG REVIEWER: *JEG* *Rc*                    DATE: 08/25/91  
 REVIEW LEVEL: 2                            DATA FILE: 016                            BASIS: WET/DRY WT

SAMPLES	DSX72910M	DSX72911M	DSX72912M
CHLOROMETHANE	10 U	10 U	10 U
BROMOMETHANE	10 U	10 U	10 U
VINYL CHLORIDE	10 U	10 U	10 U
CHLOROETHANE	10 U	10 U	10 U
METHYLENE CHLORIDE	5.0 U	5.0 U	5.0 U
ACETONE	10 U	10 U	10 U
CARBON DISULFIDE	5.0 U	5.0 U	5.0 U
1,1-DICHLOROETHENE	5.0 U	5.0 U	5.0 U
1,1 DICHLOROETHANE	5.0 U	5.0 U	5.0 U
1,2,-DICHLOROETHENE (TOTAL)	5.0 U	5.0 U	5.0 U
CHLOROFORM	5.0 U	5.0 U	5.0 U
1,2,DICHLOROETHANE	5.0 U	5.0 U	5.0 U
2-BUTANONE	10 U	10 U	10 U
1,1,1-TRICHLOROETHANE	5.0 U	5.0 U	5.0 U
CARBON TETRACHLORIDE	5.0 U	5.0 U	5.0 U
VINYL ACETATE	10 U	10 U	10 U
BROMODICHLOROMETHANE	5.0 U	5.0 U	5.0 U
1,2-DICHLOROPROPANE	5.0 U	5.0 U	5.0 U
CIS-1,3-DICHLOROPROPENE	5.0 U	5.0 U	5.0 U
TRICHLOROETHENE	5.0 U	5.0 U	5.0 U
BENZENE	5.0 U	5.0 U	5.0 U
DIBROMOCHLOROMETHANE	5.0 U	5.0 U	5.0 U
1,1,2-TRICHLOROETHANE	5.0 U	5.0 U	5.0 U
TRANS-1,3-DICHLOROPROPENE	5.0 U	5.0 U	5.0 U
BROMOFORM	5.0 U	5.0 U	5.0 U
4-METHYL-2-PENTANONE	10 U	10 U	10 U
2-HEXANONE	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	5.0 U	5.0 U	5.0 U
TETRACHLOROETHENE	5.0 U	5.0 U	5.0 U
TOLUENE	5.0 U	5.0 U	5.0 U
CHLOROBENZENE	5.0 U	5.0 U	5.0 U
ETHYL BENZENE	5.0 U	5.0 U	5.0 U
STYRENE	5.0 U	5.0 U	5.0 U
TOTAL XYLENES	5.0 U	5.0 U	5.0 U
DON'T CHANGE VALUE Trans 1,	N/A	O	N/A
		N/A	O